Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099473.D
Acq On : 1 May 2019 21:23
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 02 07:43:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2912	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	12501	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	9493	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25722	0.40	ng		0.00
27) Chrysene-d12	21.37	240	28962	0.40	ng		0.00
34) Perylene-d12	23.86	264	32622	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	3424	0.43	ng		0.00
5) Phenol-d6	6.96	99	5238	0.49	ng		-0.01
8) Nitrobenzene-d5	8.96	82	4692	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	9174	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.93	330	2260	0.38	ng		-0.01
15) 2-Fluorobiphenyl	13.07	172	14645	0.40	ng		-0.01
25) Fluoranthene-d10	19.22	212	124042	0.36	ng		0.00
29) Terphenyl-d14	19.81	244	25338	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	1384	0.345	ng		93
3) n-Nitrosodimethylamine	3.64	42	907	0.376	ng	#	95
6) bis(2-Chloroethyl)ether	7.23	93	3755	0.406	ng		99
9) Naphthalene	10.65	128	55517	0.408	ng		100
10) Hexachlorobutadiene	10.93	225	3697	0.390	ng		99
12) 2-Methylnaphthalene	12.27	142	10187	0.430	ng		94
16) Acenaphthylene	14.17	152	18869	0.406	ng		99
17) Acenaphthene	14.52	154	10812	0.408	ng		98
18) Fluorene	15.49	166	15525	0.397	ng		99
20) 4-Bromophenyl-phenylether	16.38	248	6287	0.420	ng	#	90
21) Hexachlorobenzene	16.49	284	6142	0.430	ng		98
22) Pentachlorophenol	16.84	266	2416	0.497	ng		99
23) Phenanthrene	17.23	178	26617	0.401	ng		99
24) Anthracene	17.32	178	25013	0.395	ng		99
26) Fluoranthene	19.25	202	36173	0.364	ng		99
28) Pyrene	19.61	202	37439	0.496	ng		100
30) Benzo(a)anthracene	21.34	228	41130	0.446	ng		98
31) Chrysene	21.40	228	39711	0.440	ng		98
32) Bis(2-ethylhexyl)phthalate	21.26	149	60721	0.395	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	46430	0.435	ng		98
35) Benzo(b)fluoranthene	23.14	252	38252	0.407	ng		99
36) Benzo(k)fluoranthene	23.14	252	38252	0.422	ng		99
37) Benzo(a)pyrene	23.75	252	37677	0.424	ng	#	97
38) Dibenzo(a,h)anthracene	26.54	278	38093	0.419	ng		99
39) Benzo(g,h,i)perylene	27.33	276	38175	0.419	ng		100

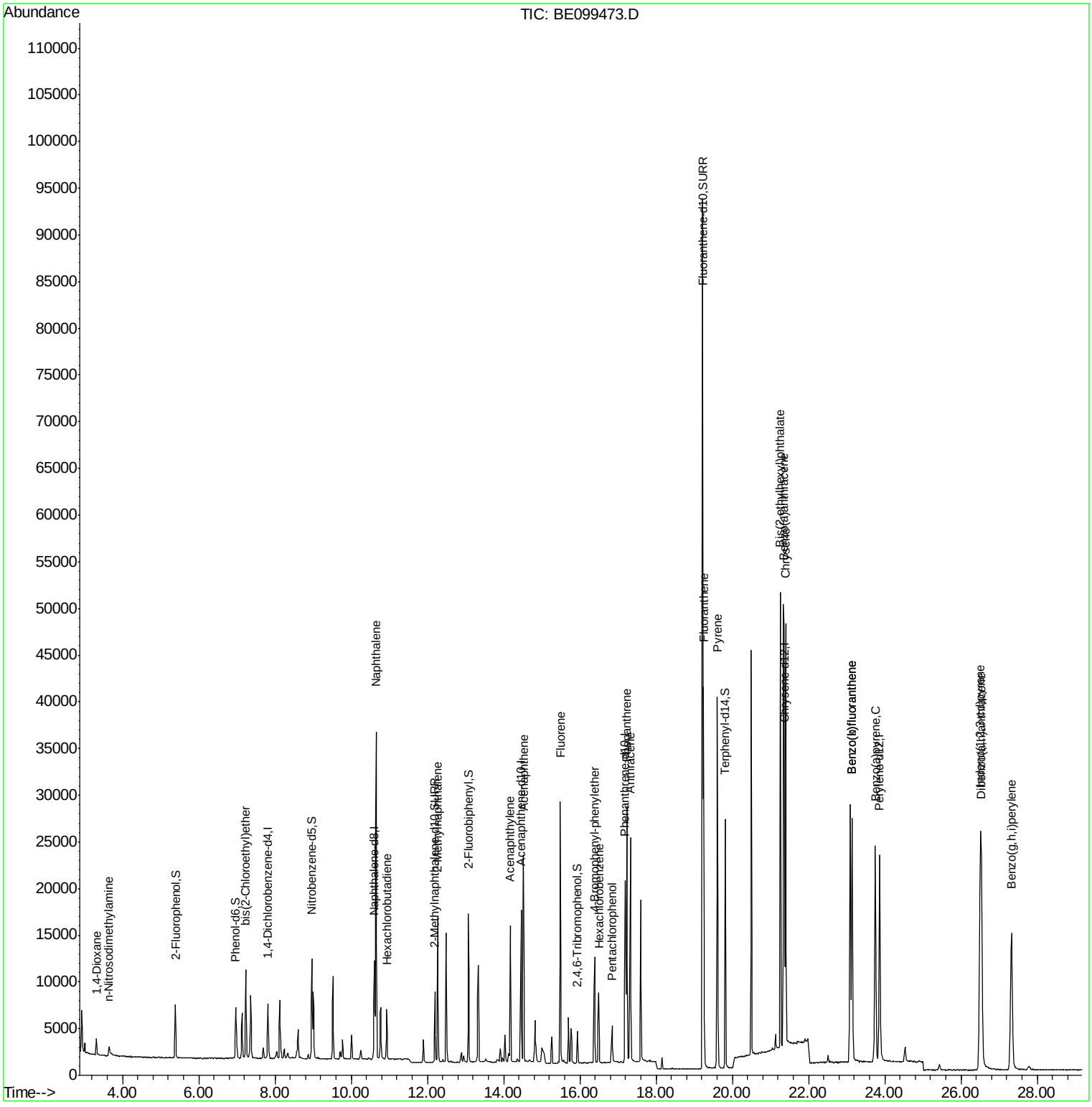
(#) = qualifier out of range (m) = manual integration (+) = signals summed

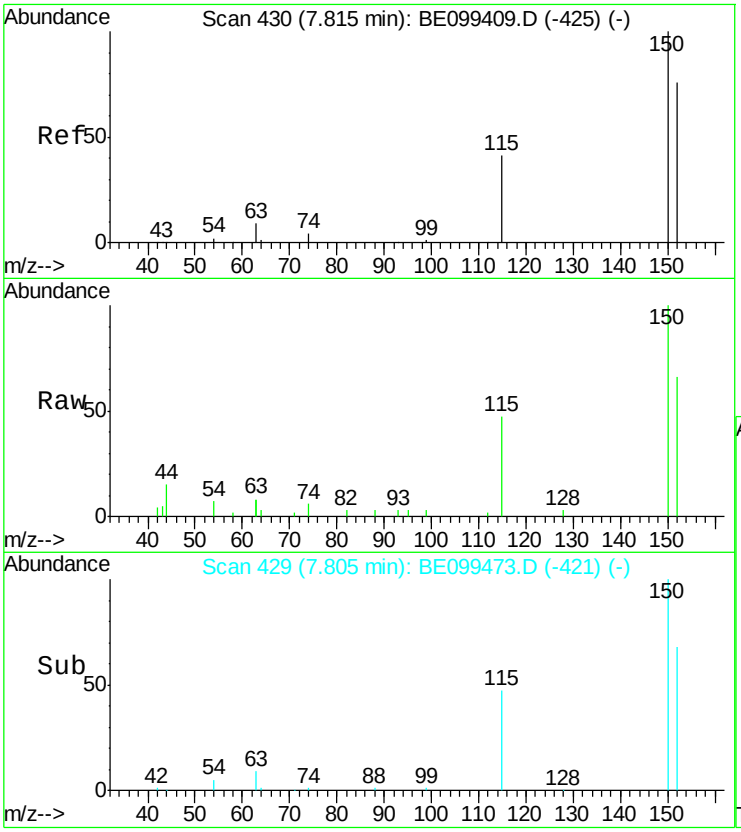
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050119\
Data File : BE099473.D
Acq On : 1 May 2019 21:23
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 02 07:43:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration



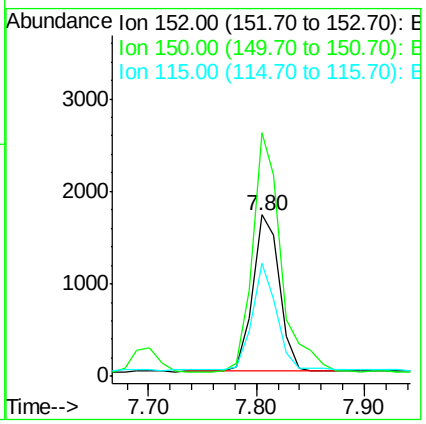


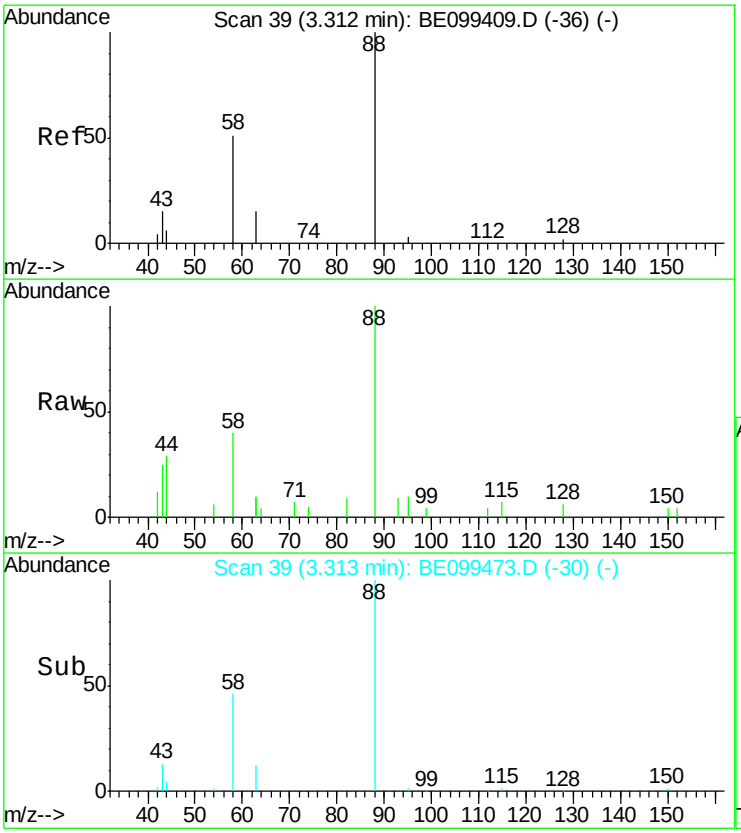
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2912

Ion	Ratio	Lower	Upper
152	100		
150	150.9	104.8	157.2
115	70.4	46.6	69.8#

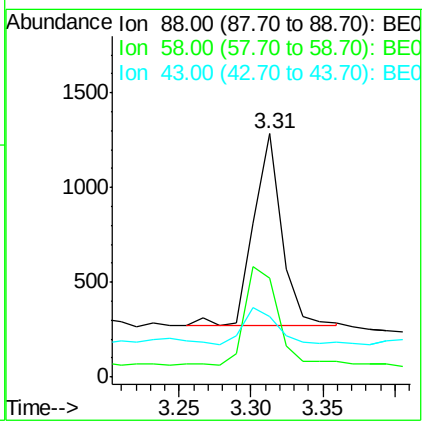


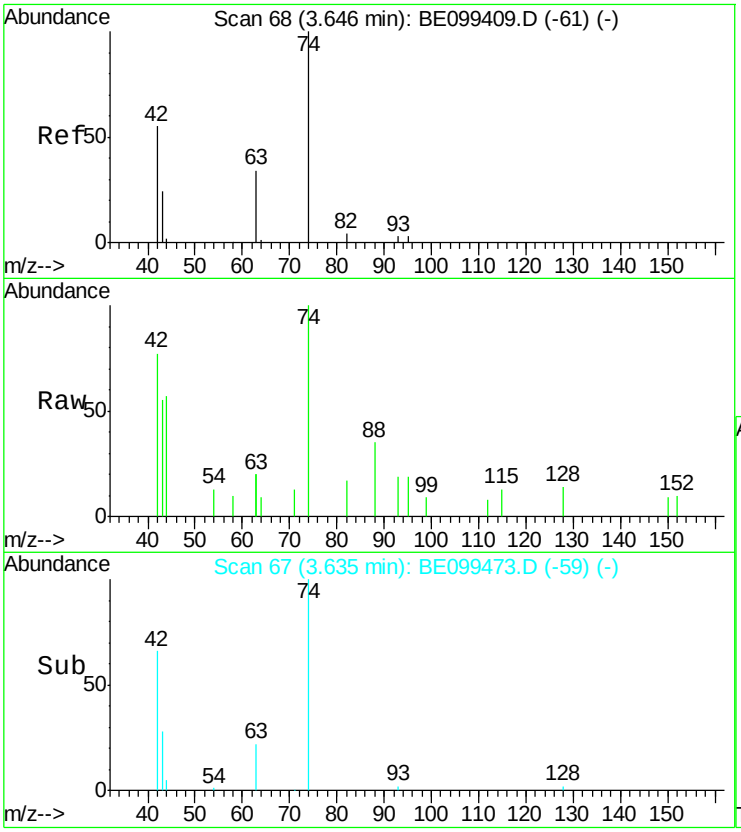


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion: 88 Resp: 1384

Ion	Ratio	Lower	Upper
88	100		
58	57.6	51.0	76.6
43	23.0	20.6	30.8



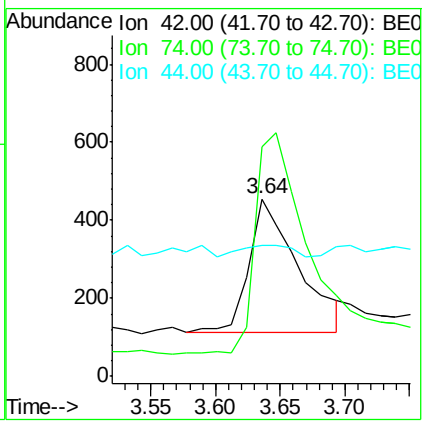


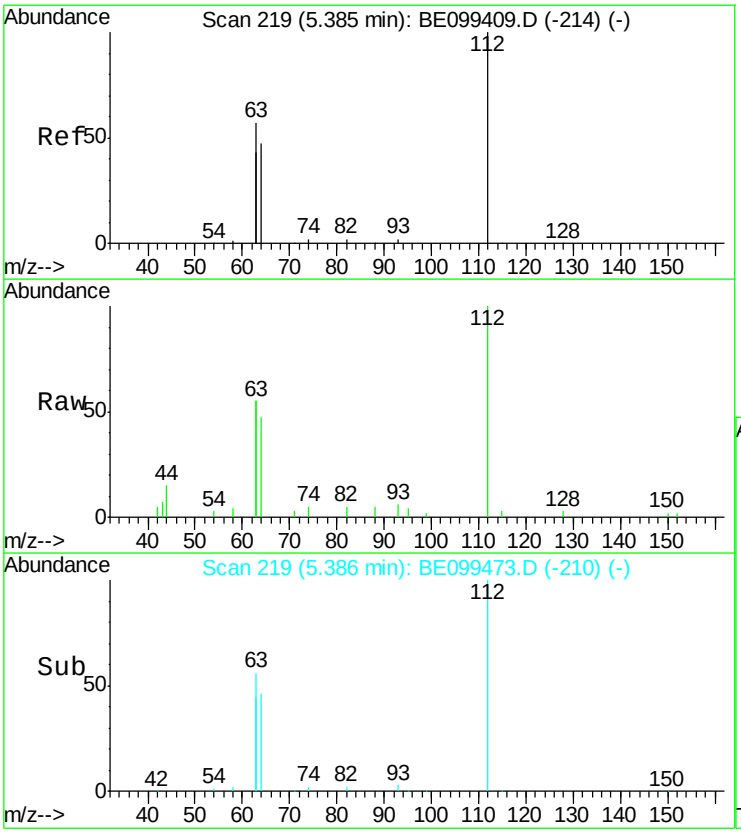
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.64 min Scan# 67
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 907

Ion	Ratio	Lower	Upper
42	100		
74	170.5	141.6	212.4
44	9.0	0.0	0.0#

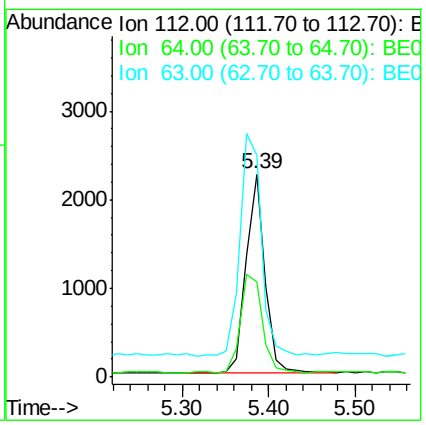


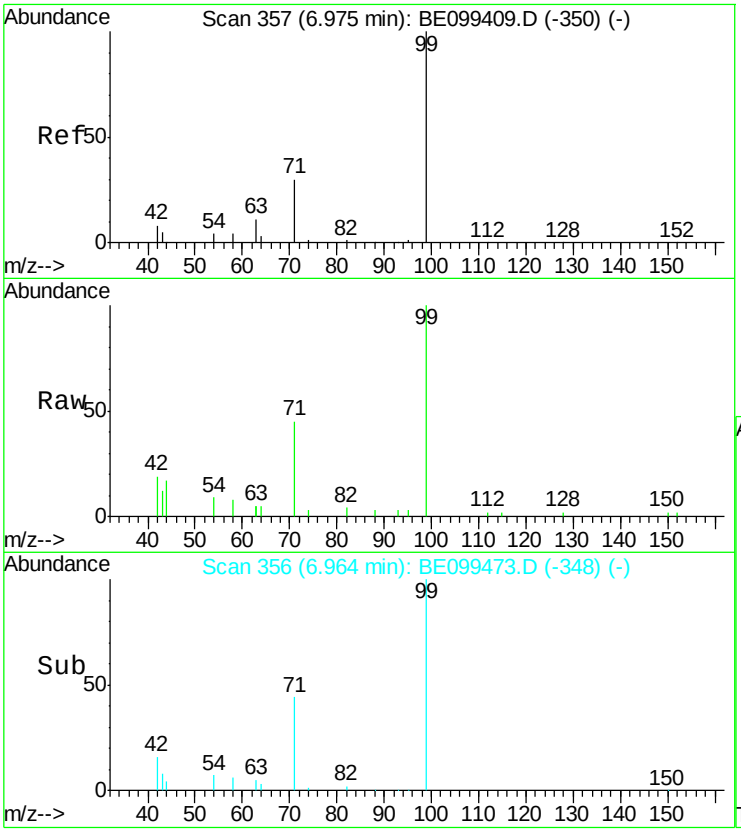


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:112 Resp: 3424

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.4	71.0
63	129.0	104.3	156.5



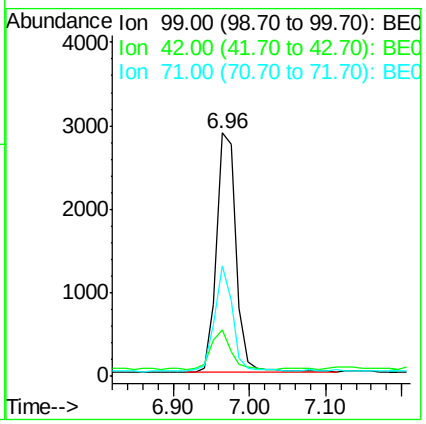


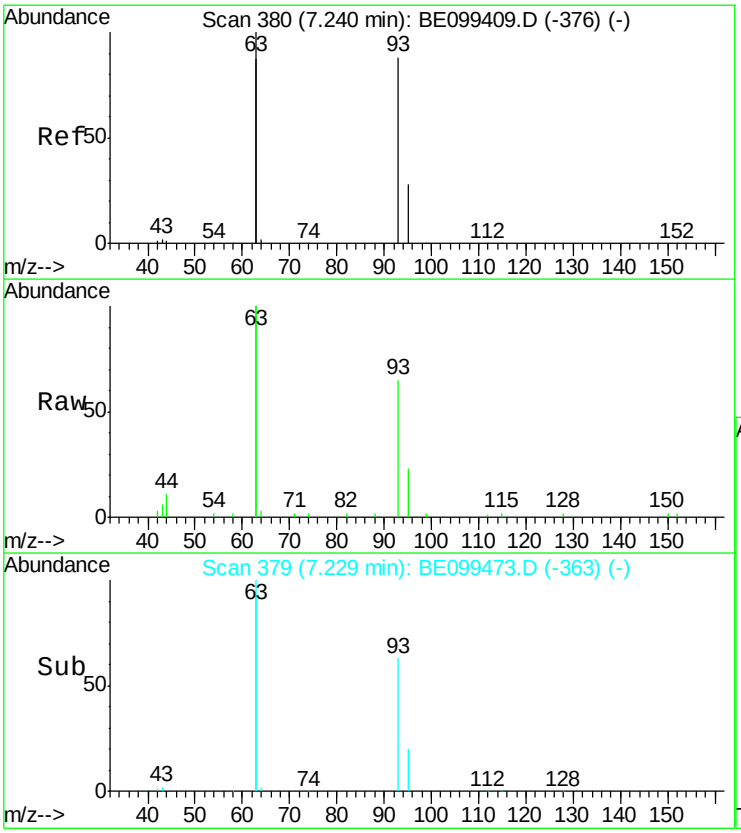
#5
Phenol-d6
Concen: 0.489 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5238

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.9	22.3
71	40.2	33.0	49.6

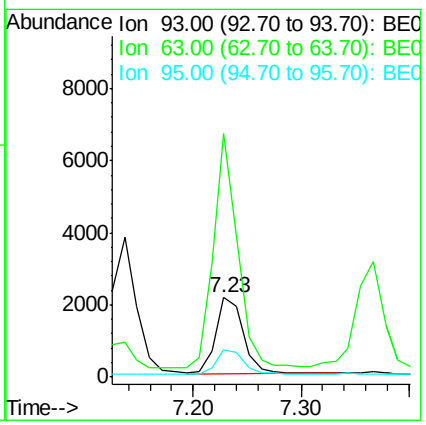


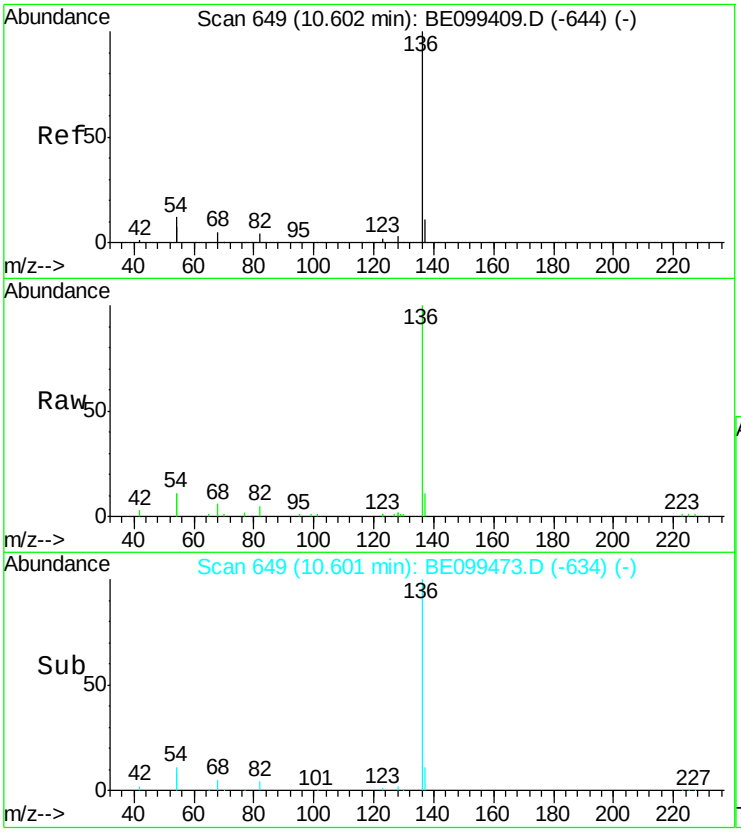


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion: 93 Resp: 3755

Ion	Ratio	Lower	Upper
93	100		
63	272.5	215.6	323.4
95	32.9	26.2	39.2



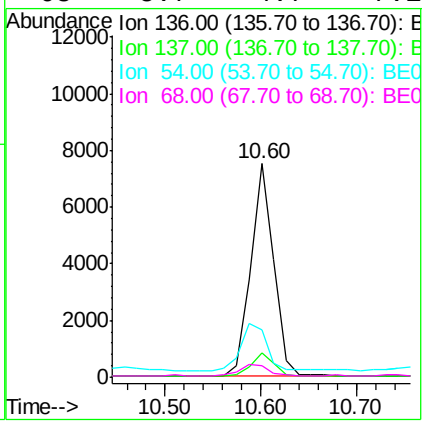


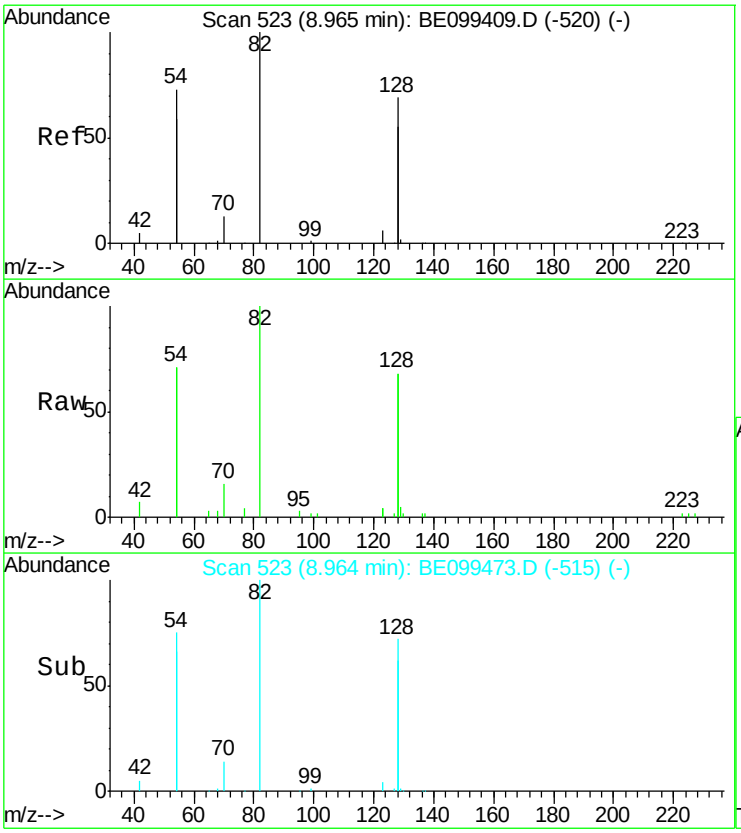
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12501

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	22.4	18.5	27.7
68	5.7	4.7	7.1

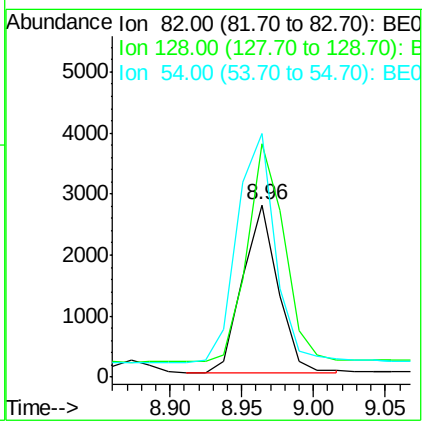


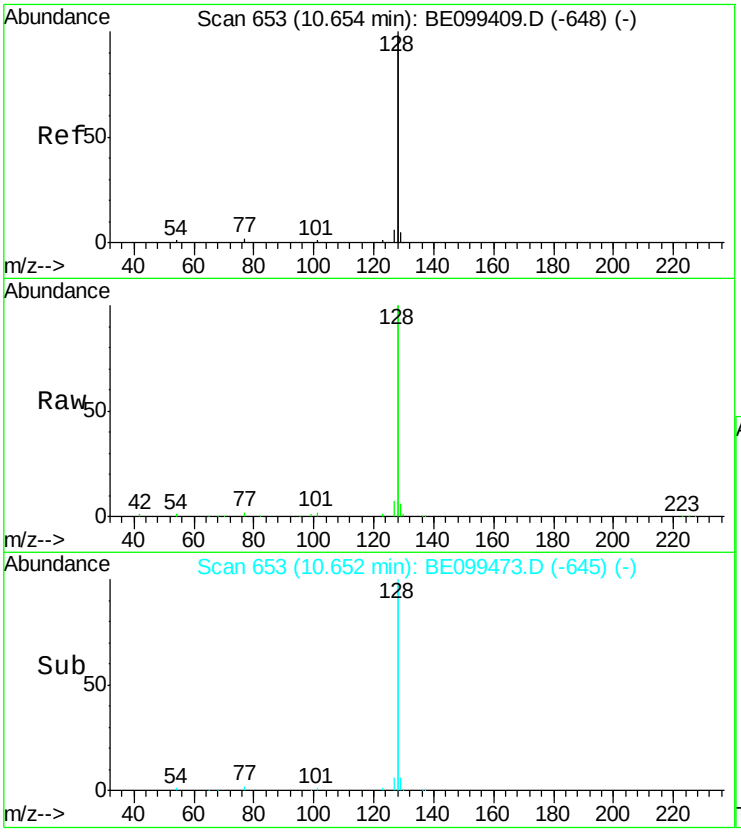


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion: 82 Resp: 4692

Ion	Ratio	Lower	Upper
82	100		
128	135.6	107.0	160.4
54	141.3	113.1	169.7



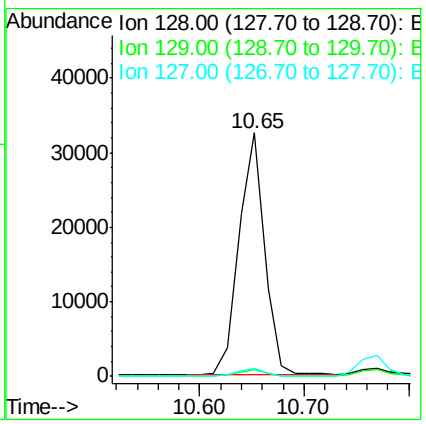


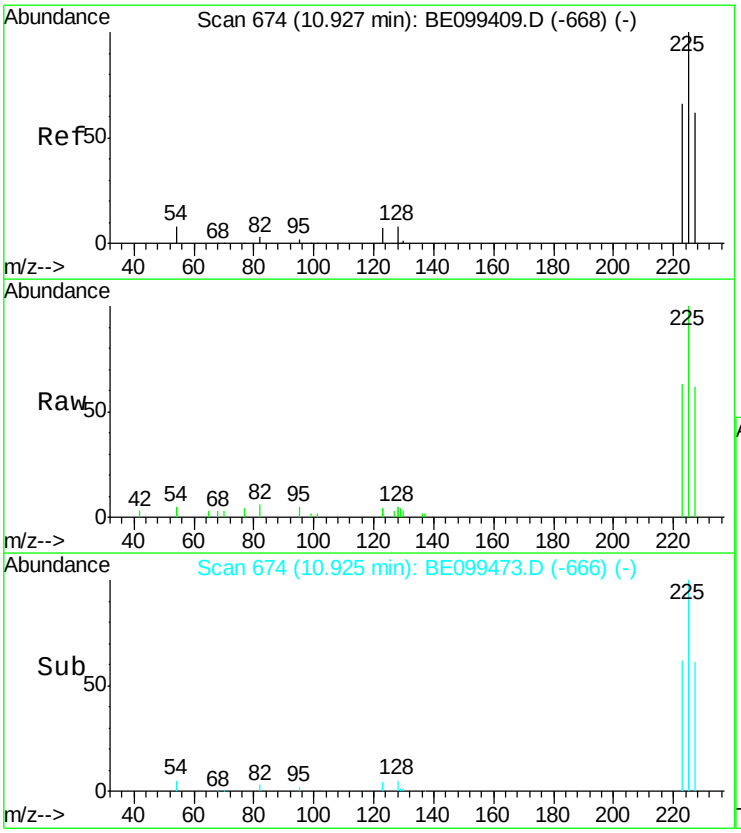
#9
Naphthalene
Concen: 0.408 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 55517

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.4	3.6
127	3.3	2.8	4.2

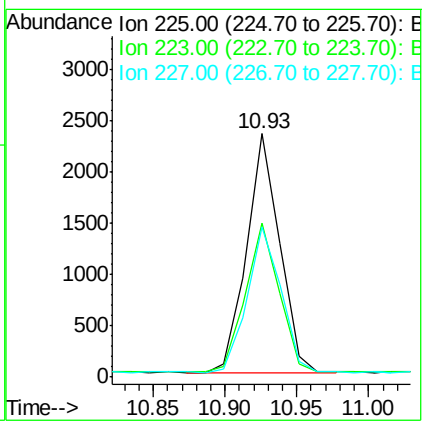


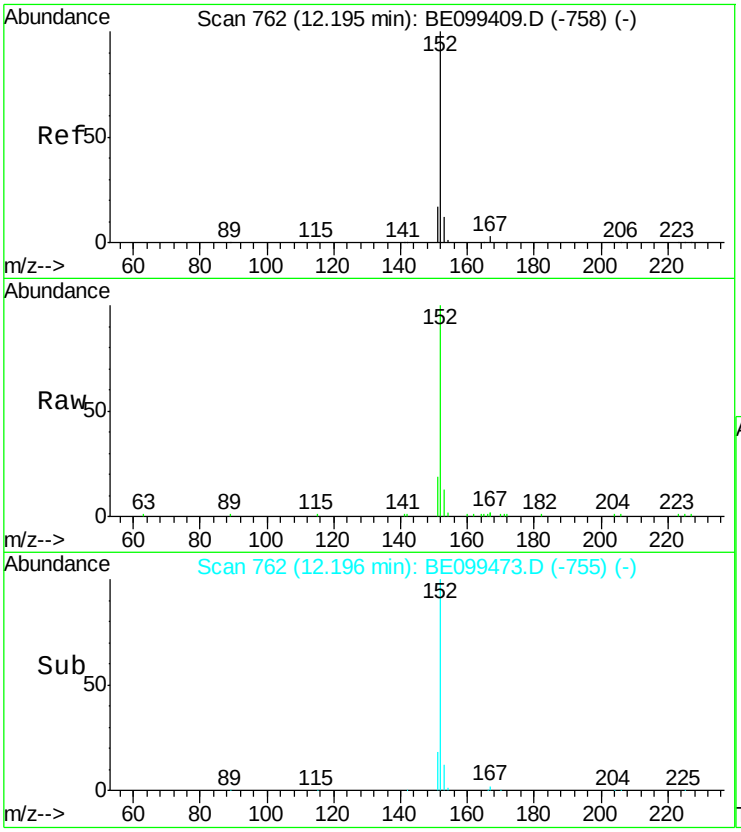


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:225 Resp: 3697

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	62.0	50.9	76.3



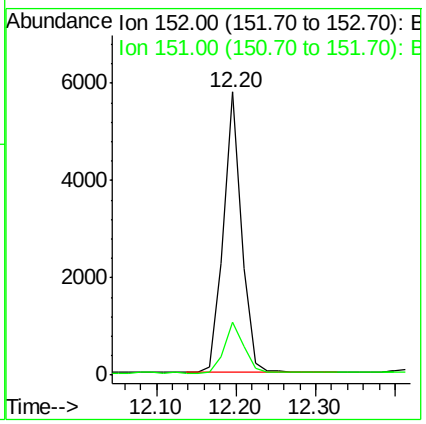


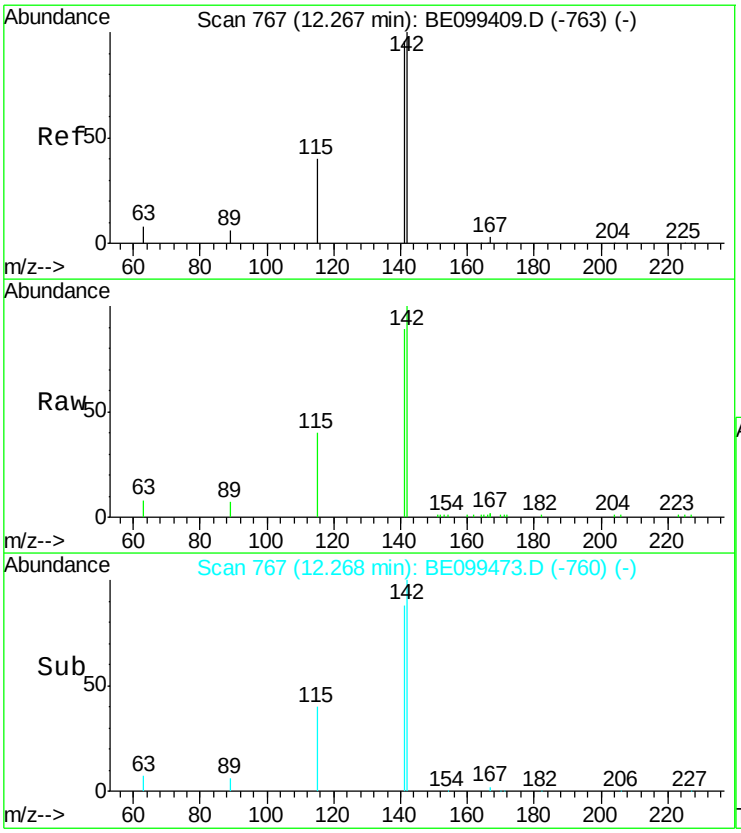
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9174

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

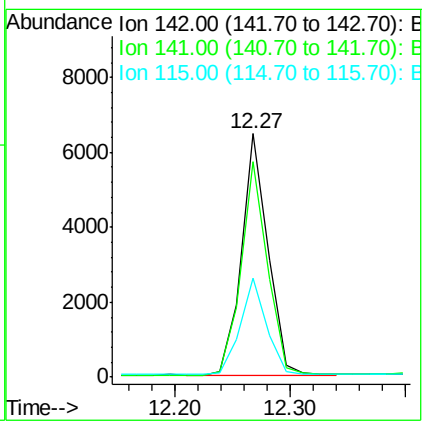


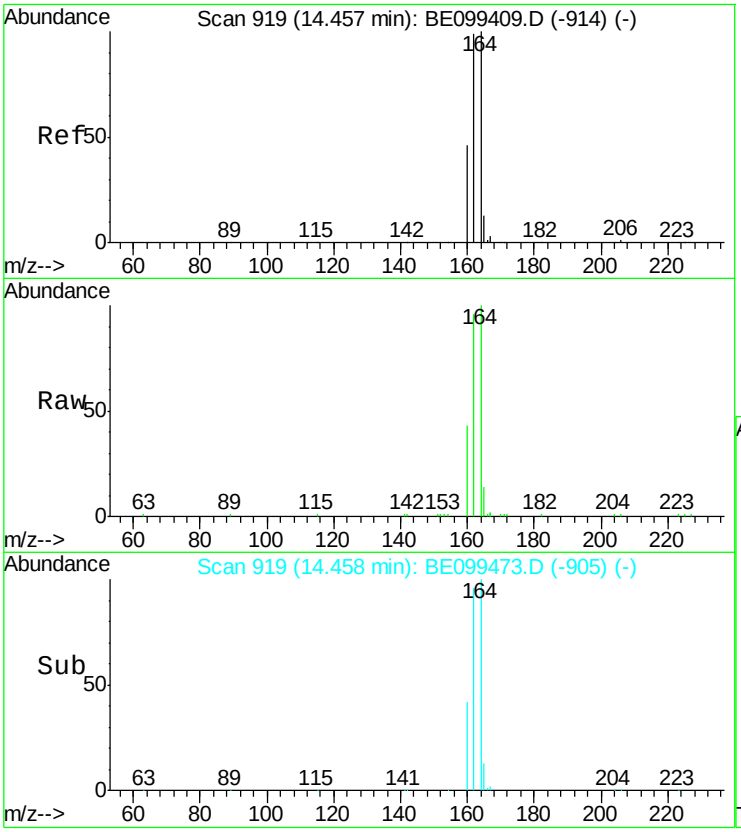


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:142 Resp: 10187

Ion	Ratio	Lower	Upper
142	100		
141	88.5	77.0	115.4
115	40.4	33.4	50.0



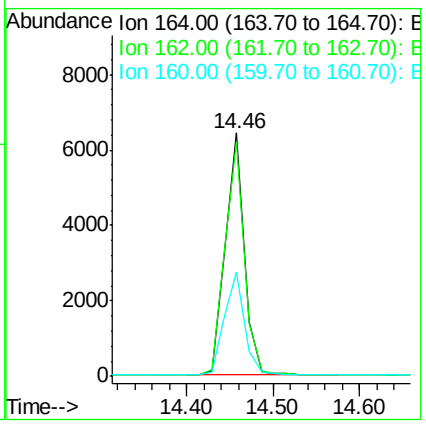


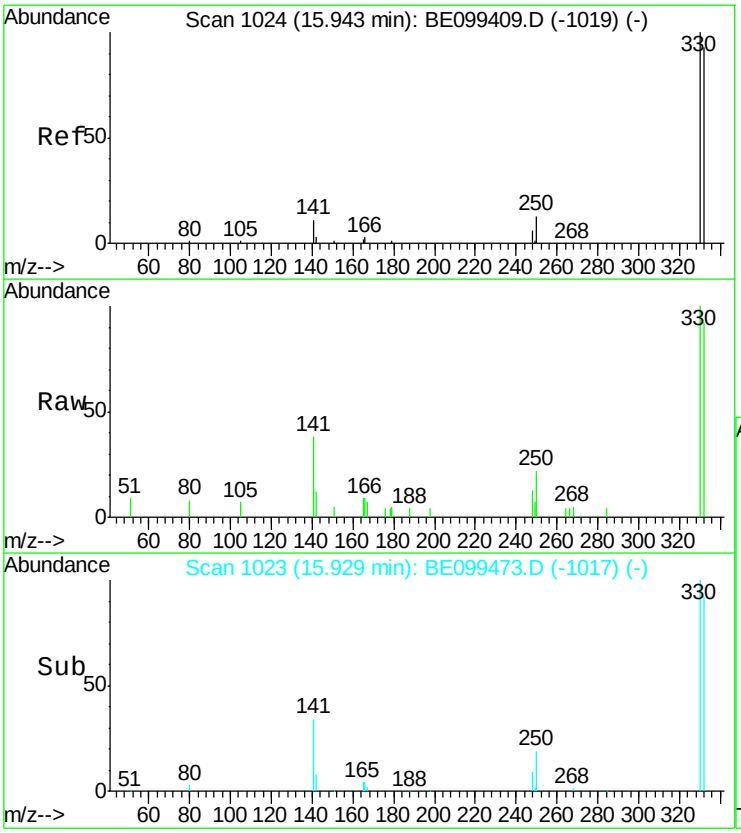
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9493

Ion	Ratio	Lower	Upper
164	100		
162	96.3	79.0	118.4
160	42.7	37.0	55.4

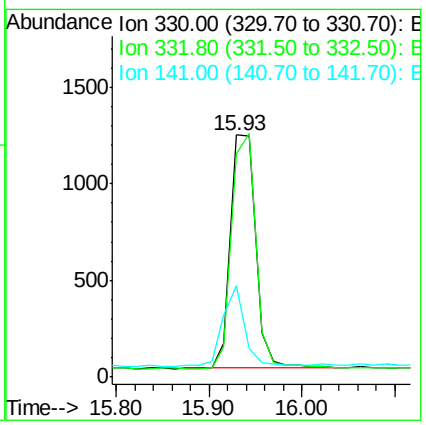


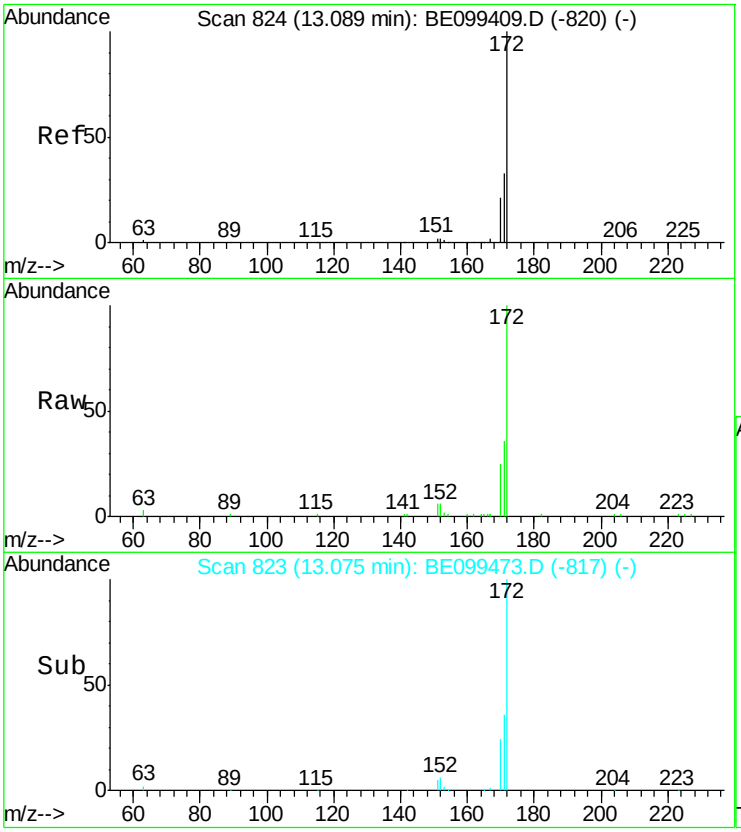


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:330 Resp: 2260

Ion	Ratio	Lower	Upper
330	100		
332	96.8	71.5	107.3
141	28.8	24.0	36.0



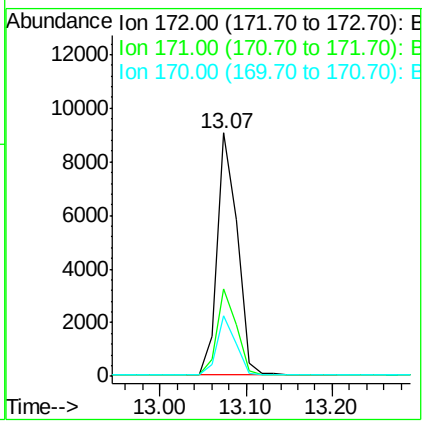


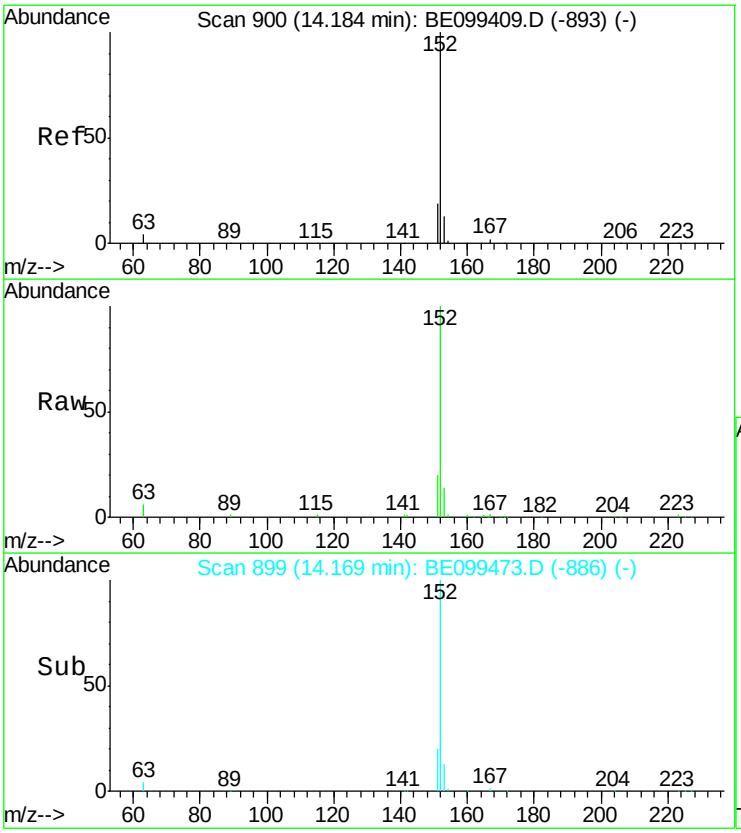
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14645

Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.6	39.8
170	24.7	17.0	25.6

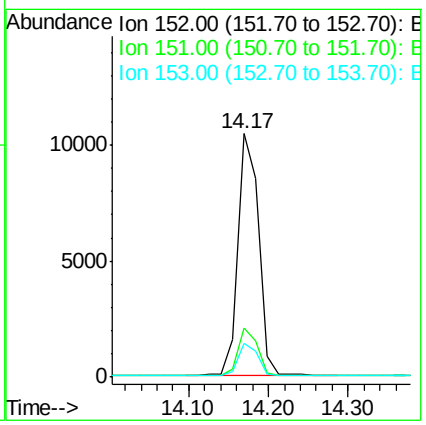


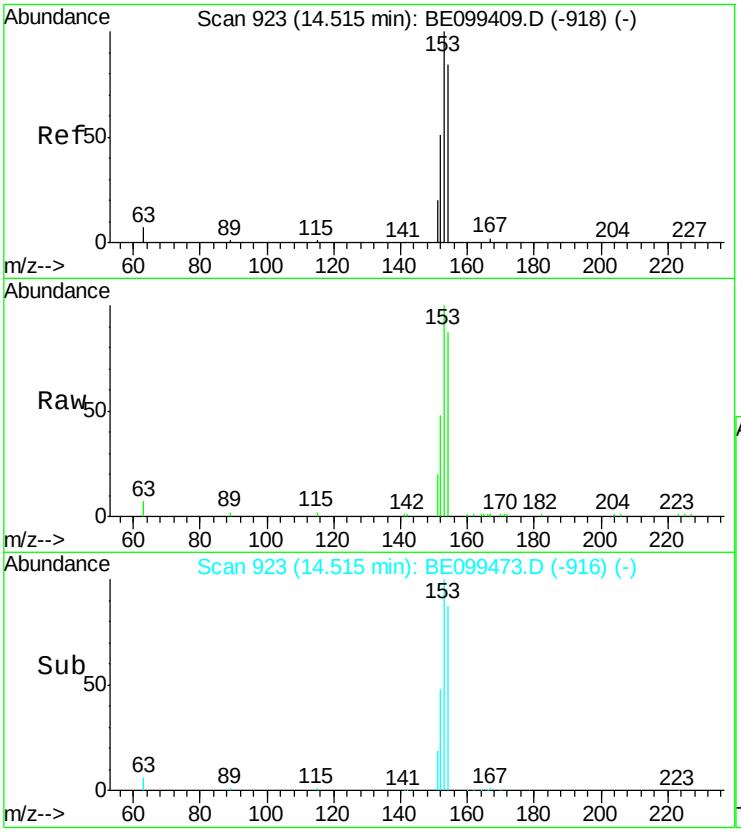


#16
Acenaphthylene
Concen: 0.406 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:152 Resp: 18869

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2
153	13.0	9.8	14.6



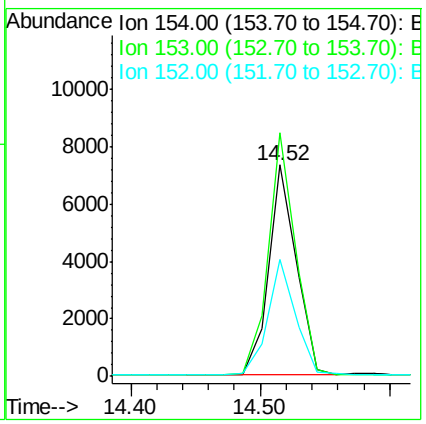


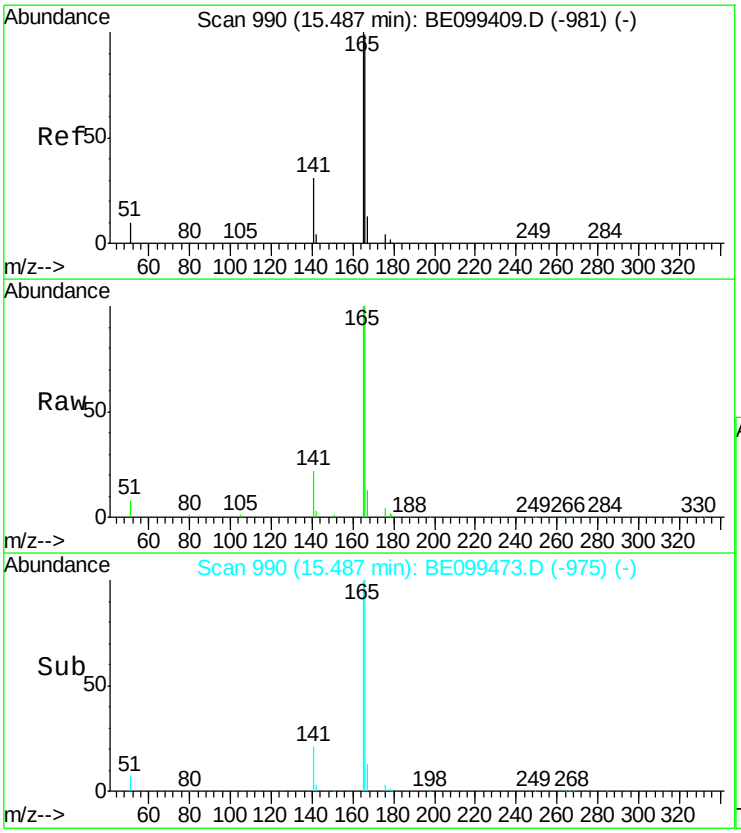
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10812

Ion	Ratio	Lower	Upper
154	100		
153	113.8	92.6	138.8
152	55.0	45.8	68.8

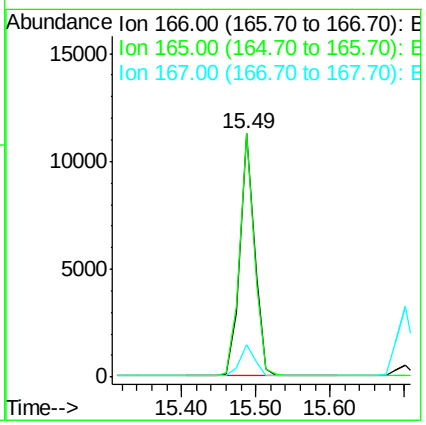


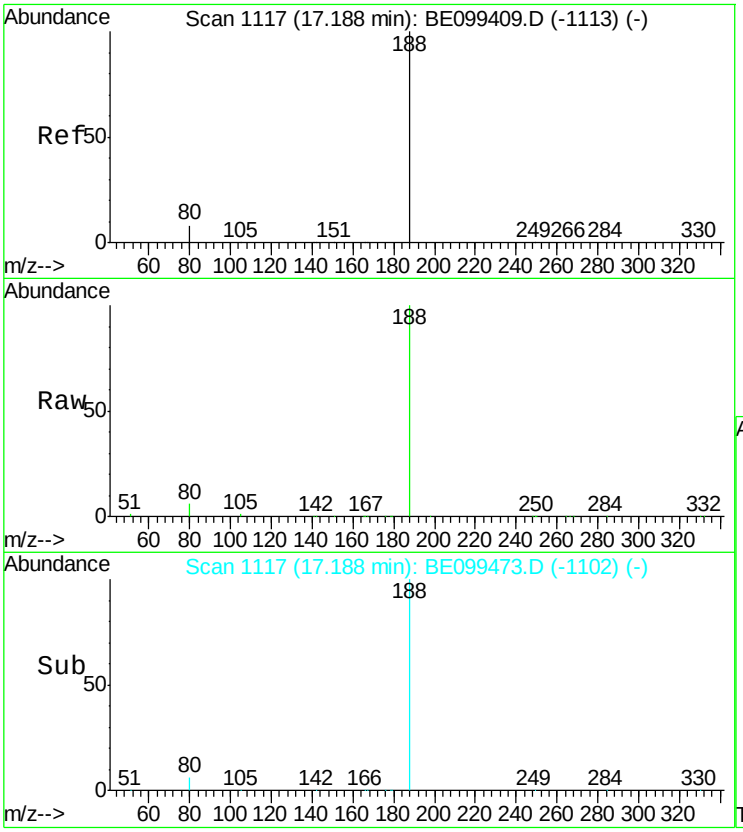


#18
Fluorene
Concen: 0.397 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:166 Resp: 15525

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.3	120.5
167	13.5	10.7	16.1



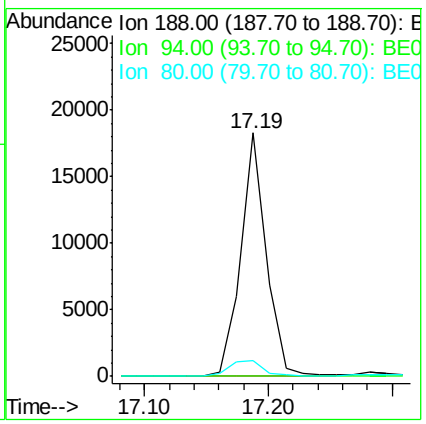


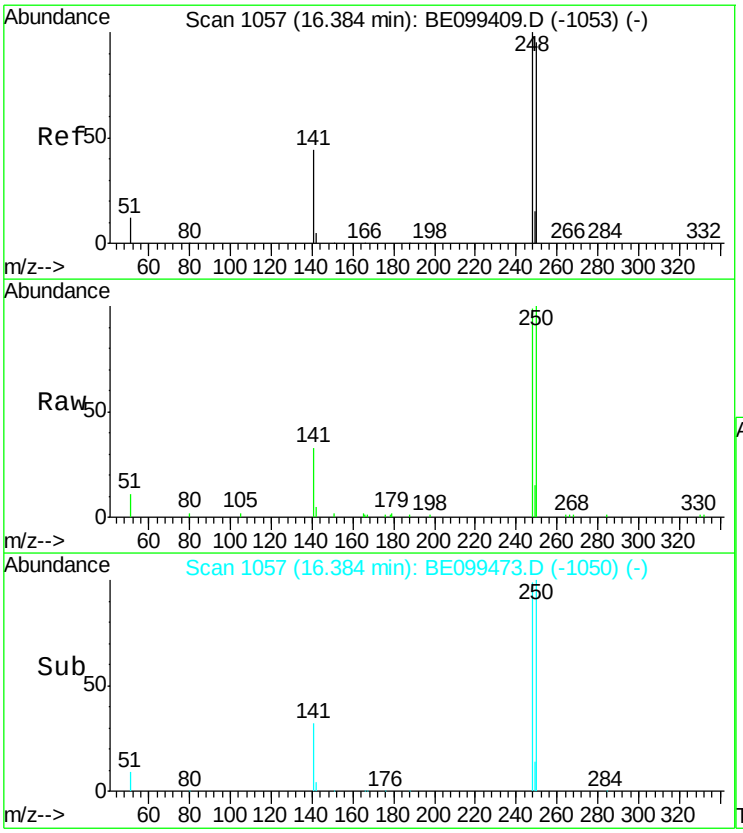
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 25722

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.7	10.1#

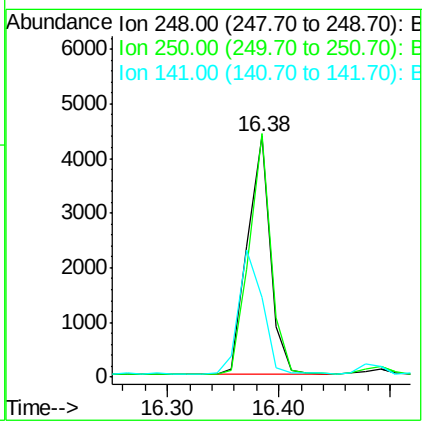


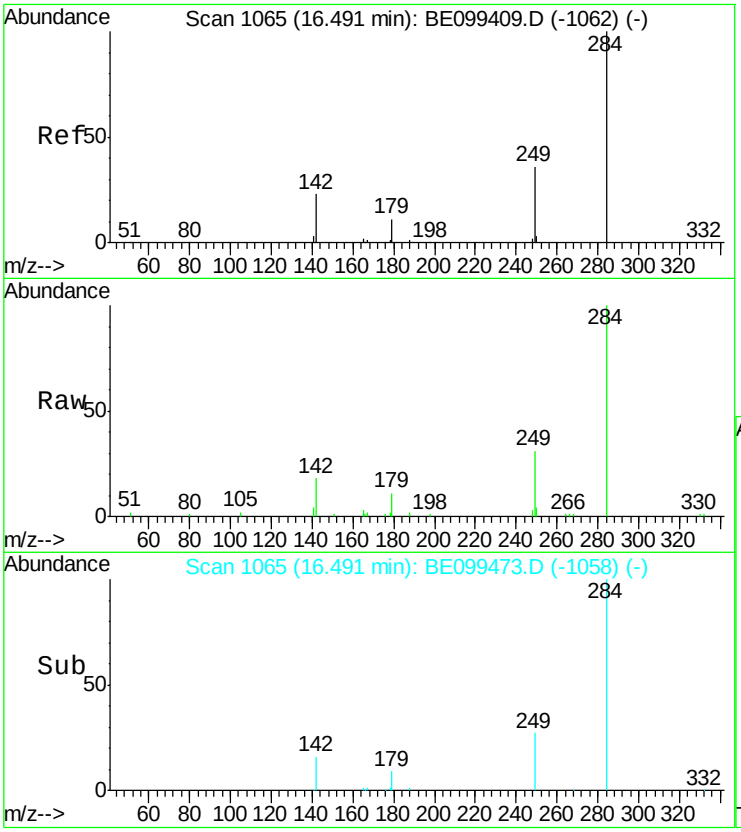


#20
4-Bromophenyl-phenylether
Concen: 0.420 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:248 Resp: 6287

Ion	Ratio	Lower	Upper
248	100		
250	101.1	75.8	113.8
141	33.3	35.7	53.5#



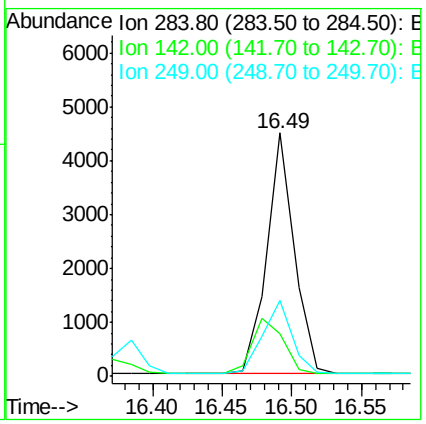


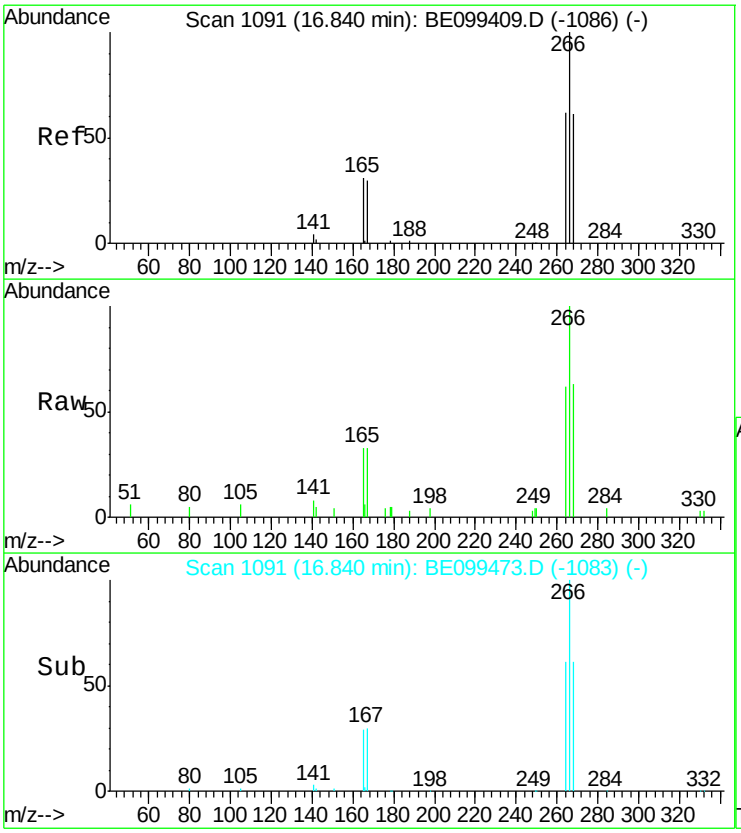
#21
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6142

Ion	Ratio	Lower	Upper
284	100		
142	26.3	21.0	31.6
249	31.9	26.7	40.1

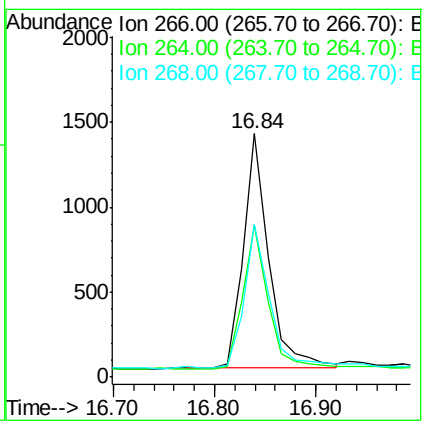


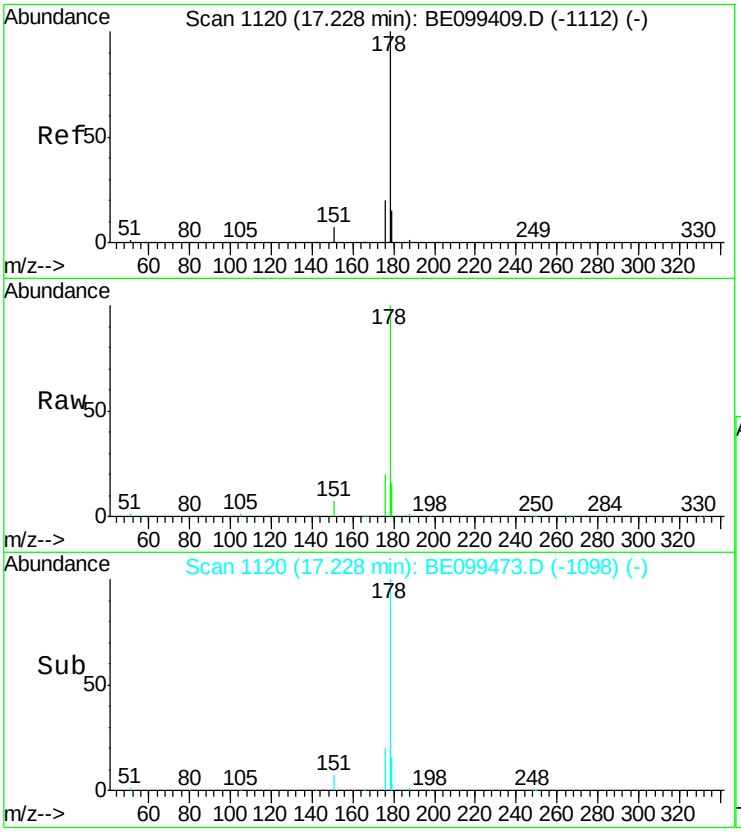


#22
Pentachlorophenol
Concen: 0.497 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:266 Resp: 2416

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.8	76.2
268	62.8	50.5	75.7



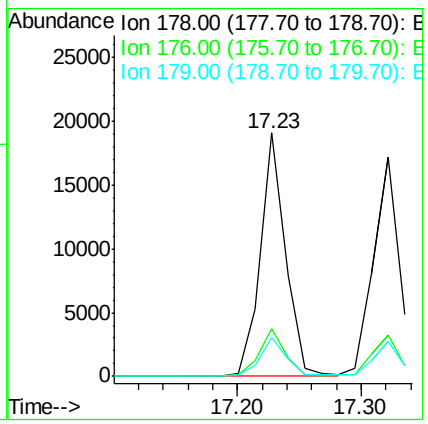


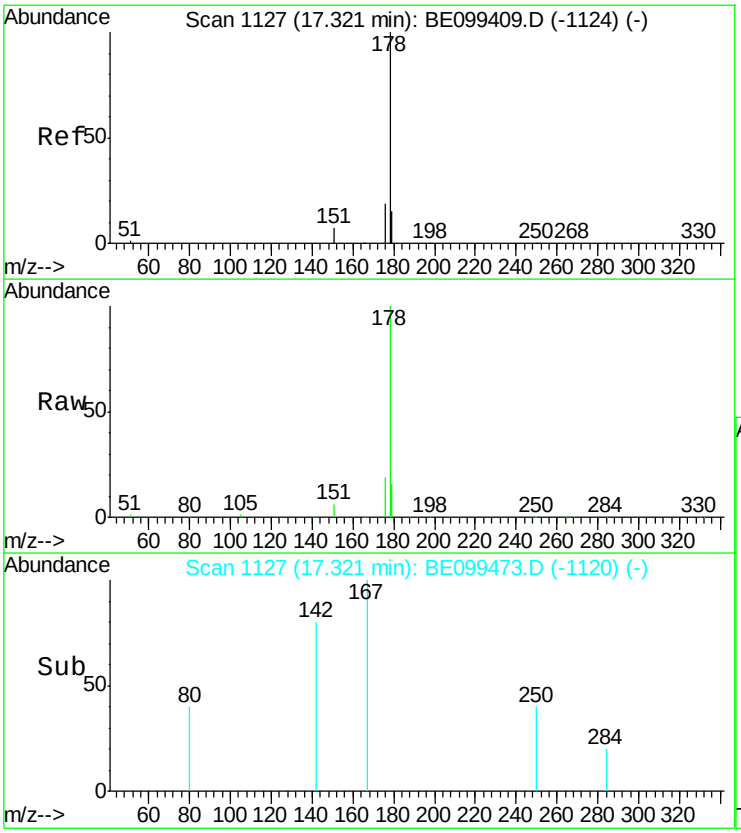
#23
Phenanthrene
Concen: 0.401 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 26617

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.8	12.0	18.0

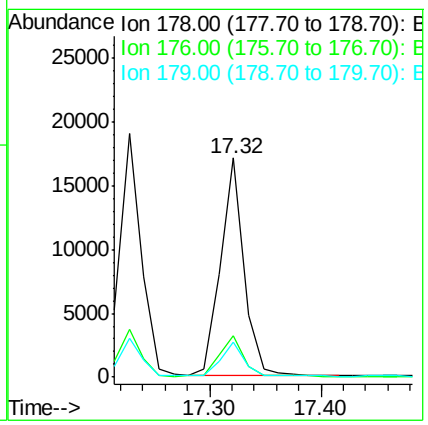


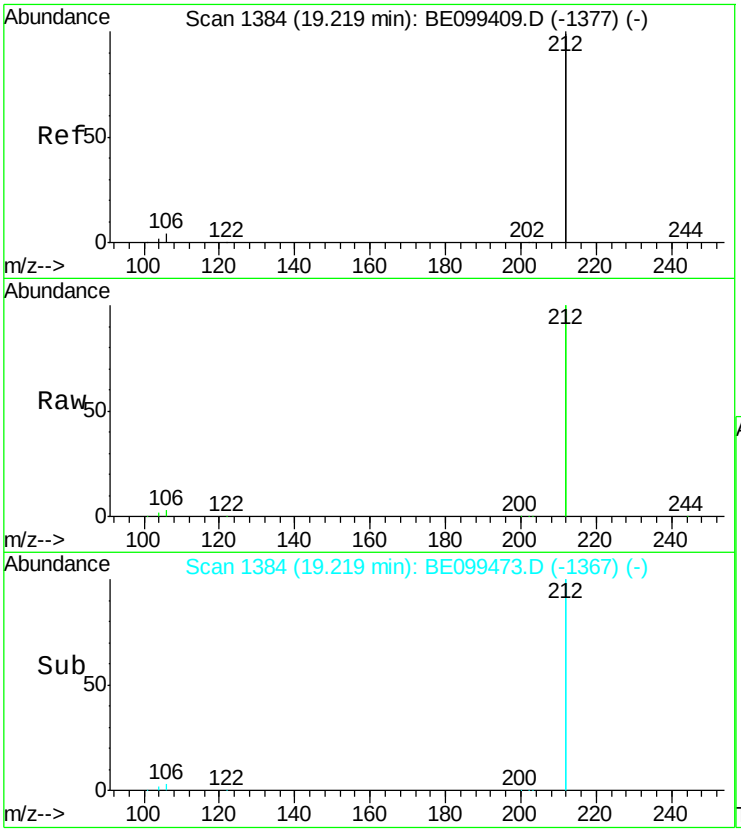


#24
Anthracene
Concen: 0.395 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:178 Resp: 25013

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.5	11.9	17.9



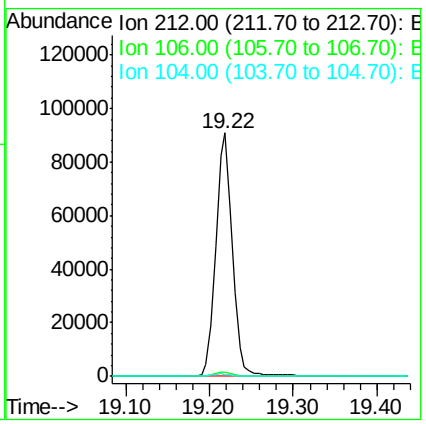


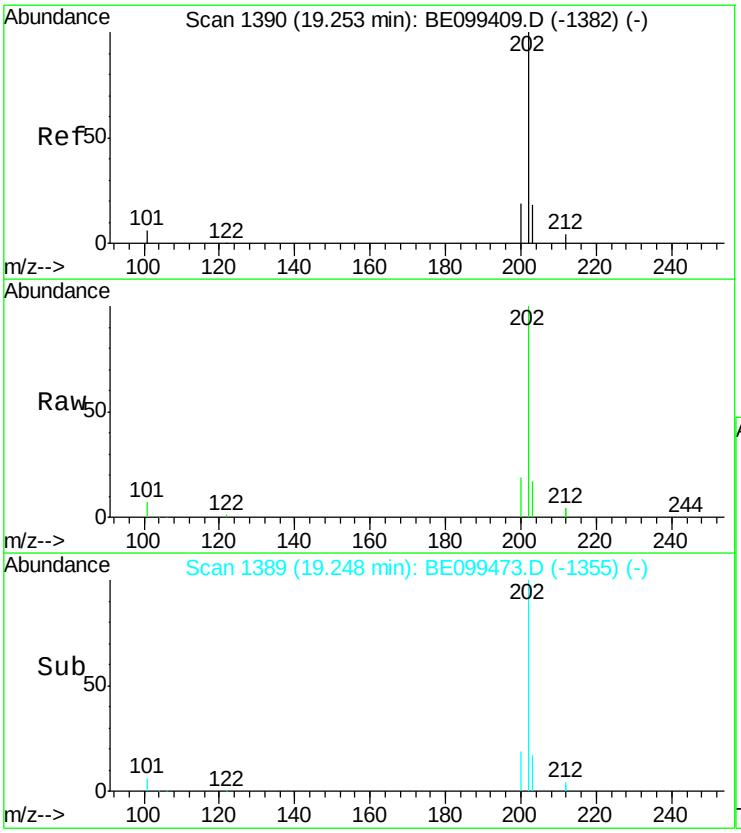
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 124042

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3

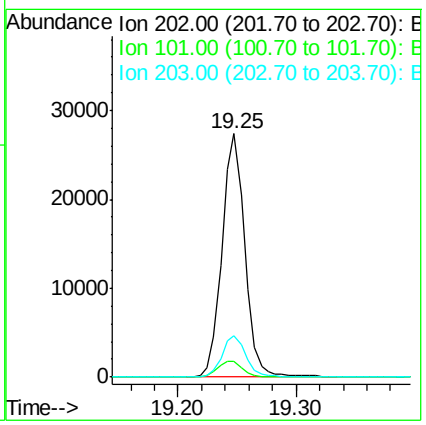


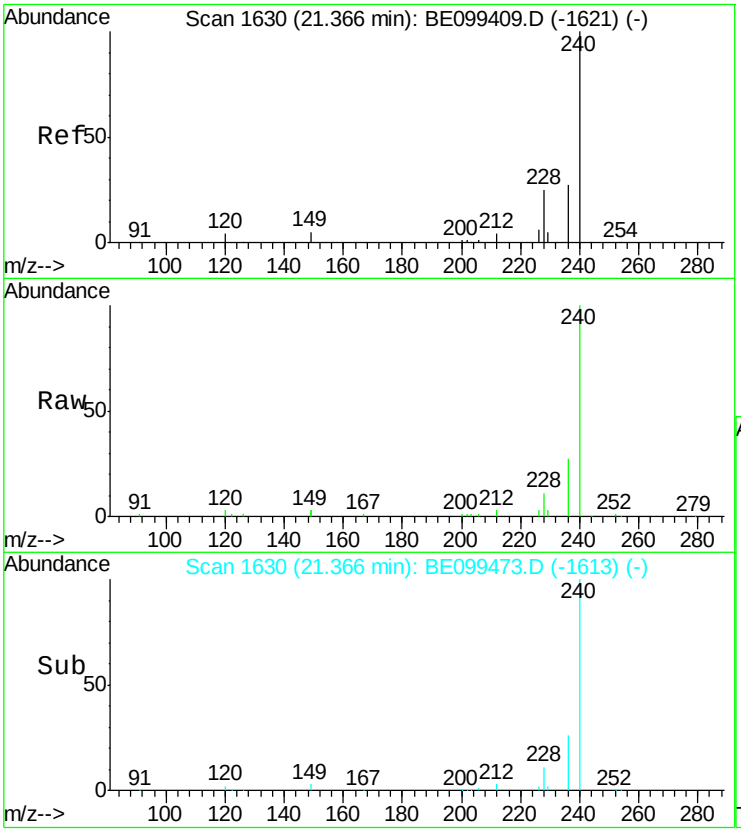


#26
Fluoranthene
Concen: 0.364 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:202 Resp: 36173

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.4	8.0
203	17.1	13.9	20.9



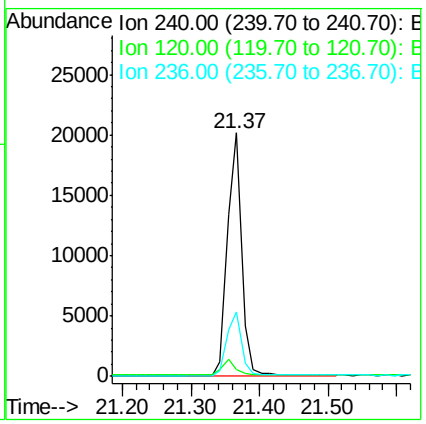


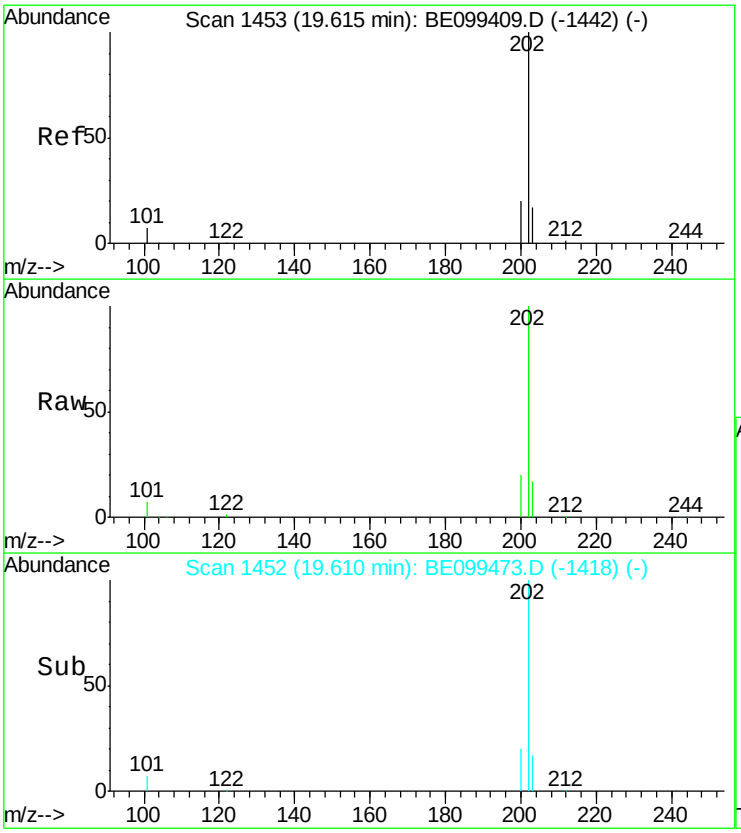
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 28962

Ion	Ratio	Lower	Upper
240	100		
120	2.8	4.0	6.0#
236	26.7	22.0	33.0

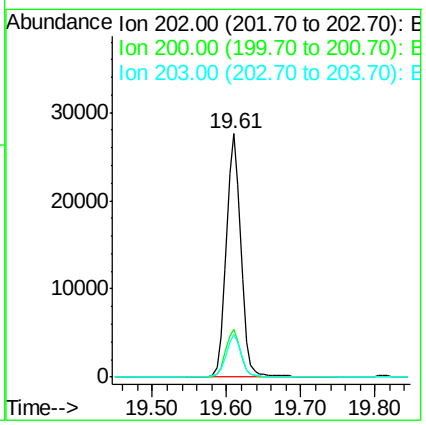


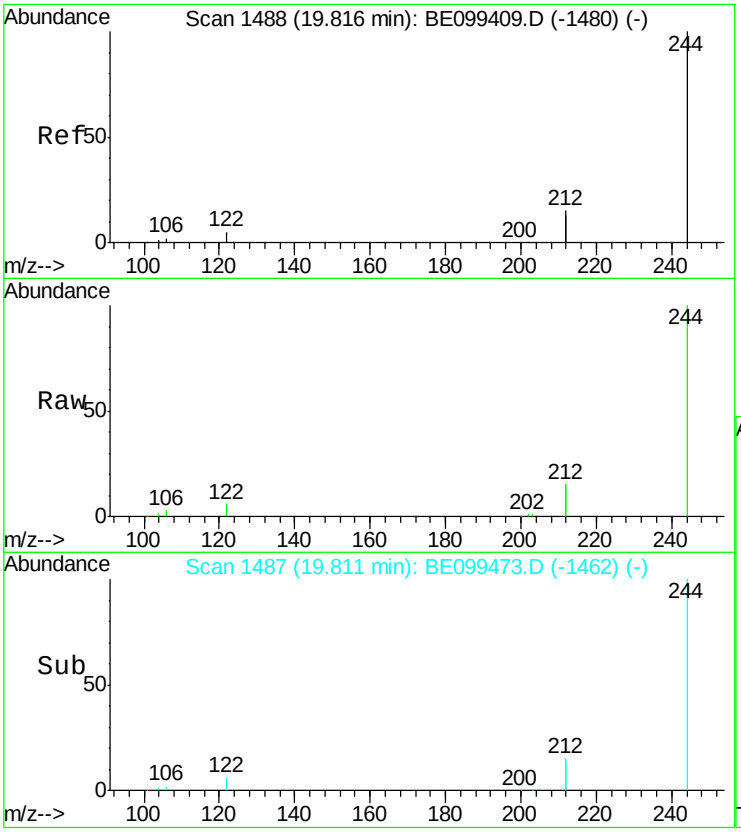


#28
Pyrene
Concen: 0.496 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:202 Resp: 37439

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	17.6	13.9	20.9



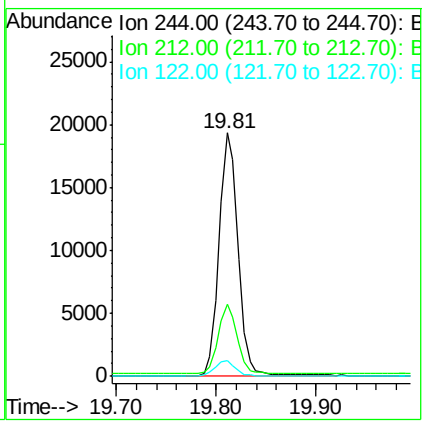


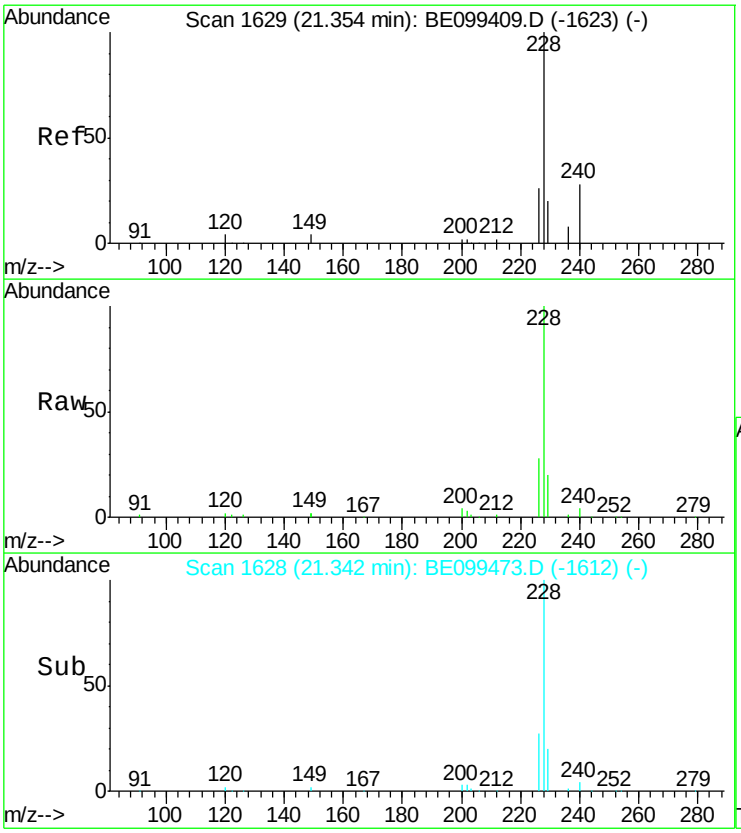
#29
Terphenyl-d14
Concen: 0.478 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 25338

Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.2	34.8
122	6.4	4.2	6.4#

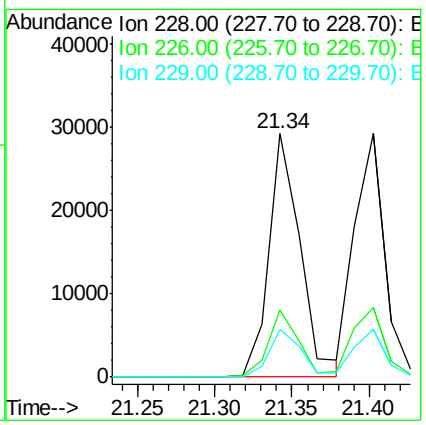


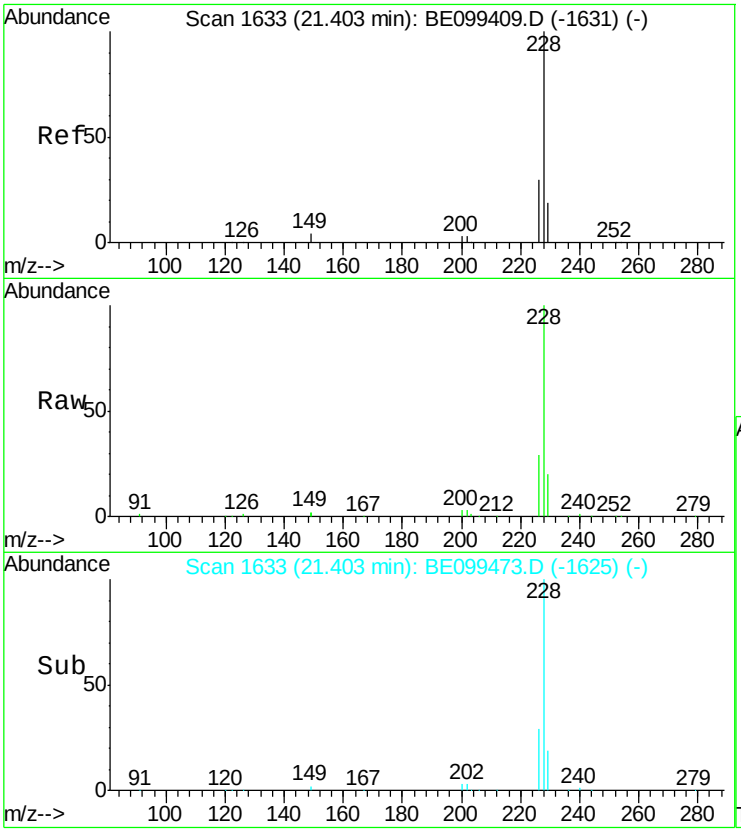


#30
Benzo(a)anthracene
Concen: 0.446 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:228 Resp: 41130

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.0	31.6
229	19.8	16.6	25.0



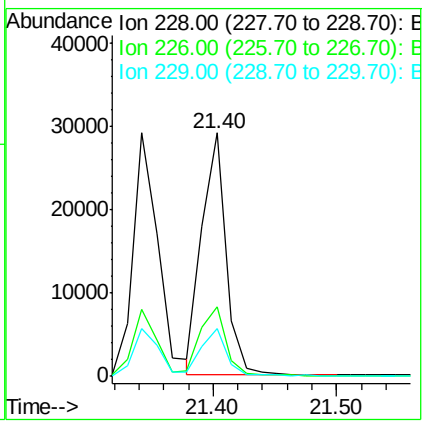


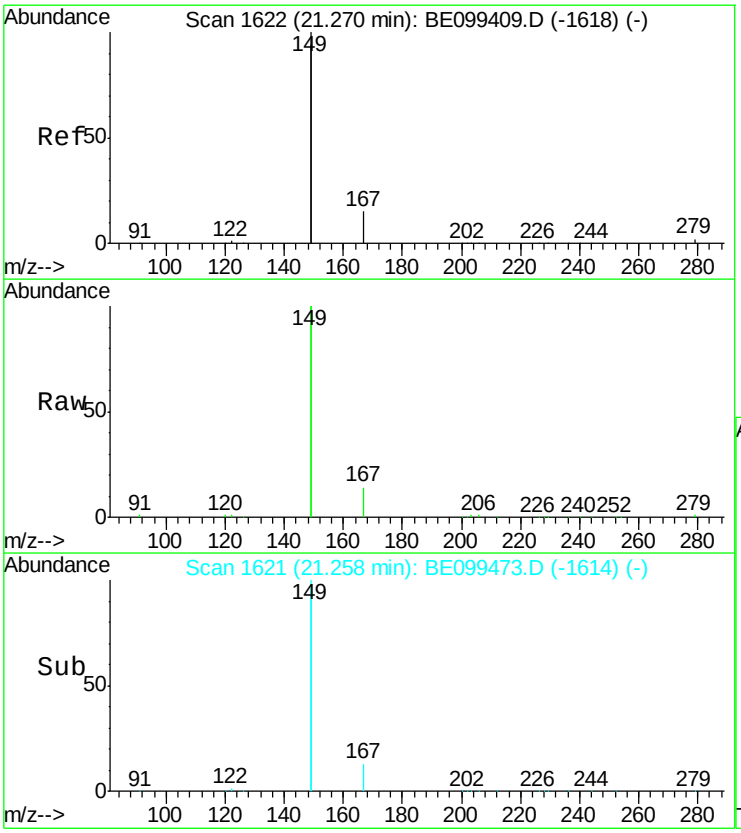
#31
Chrysene
Concen: 0.440 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 39711

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	19.5	15.8	23.8

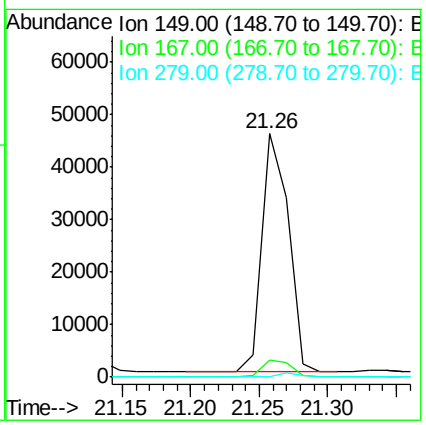


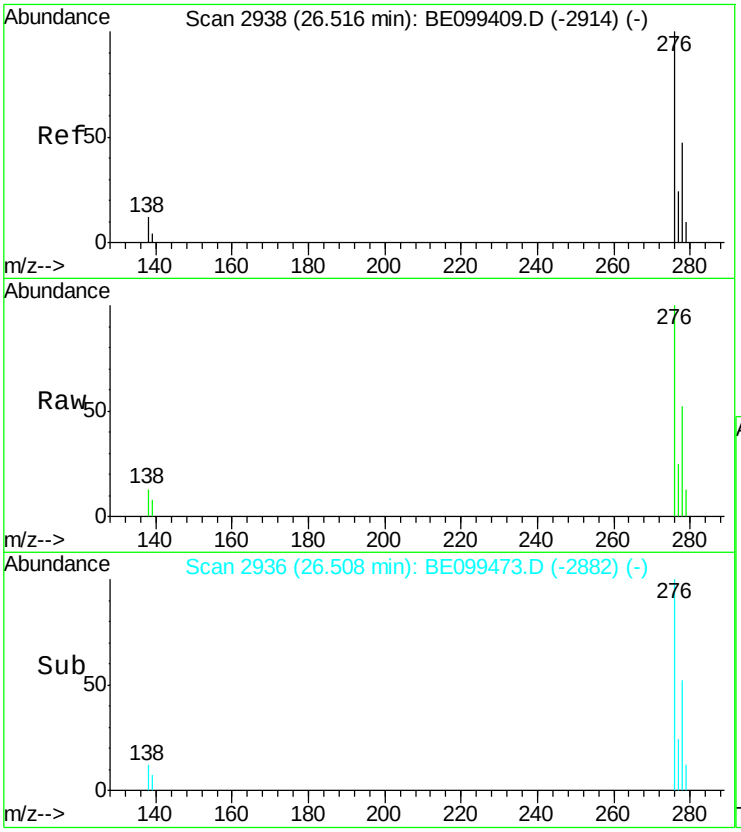


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:149 Resp: 60721

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.6
279	1.5	1.0	1.6



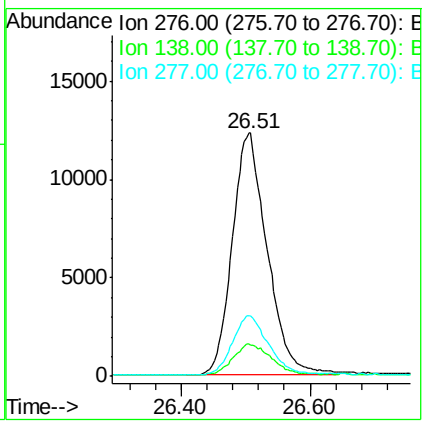


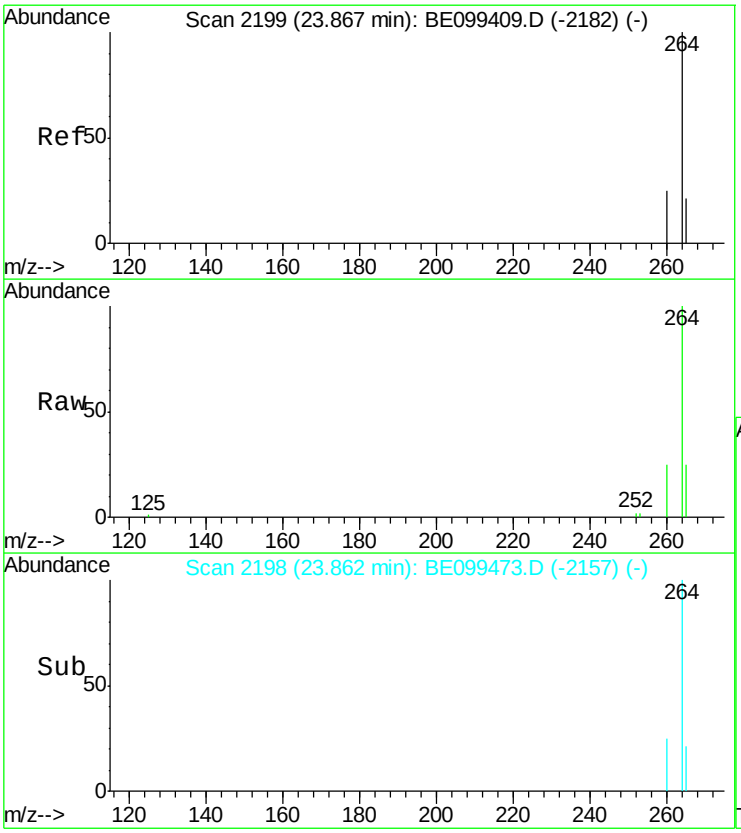
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 26.51 min Scan# 2936
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 46430

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.2	15.2
277	24.8	19.2	28.8

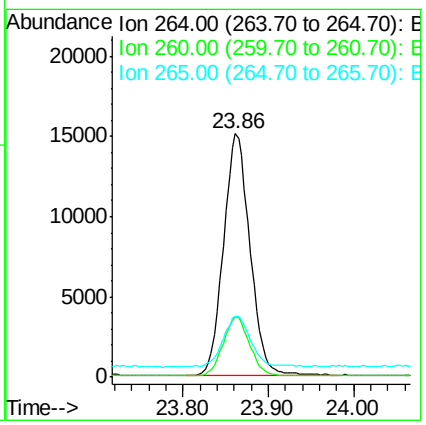


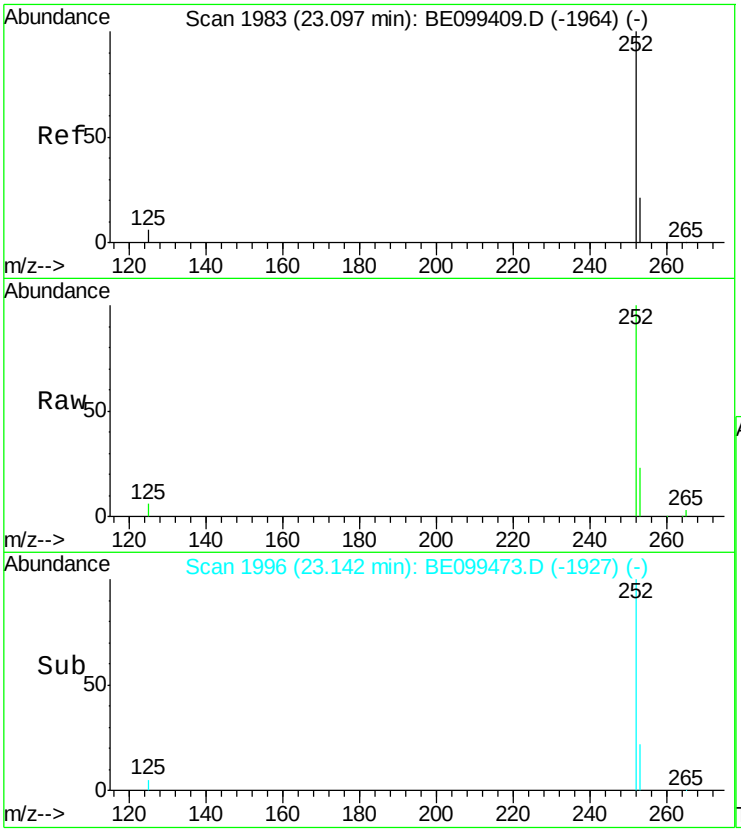


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:264 Resp: 32622

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	25.1	21.3	31.9



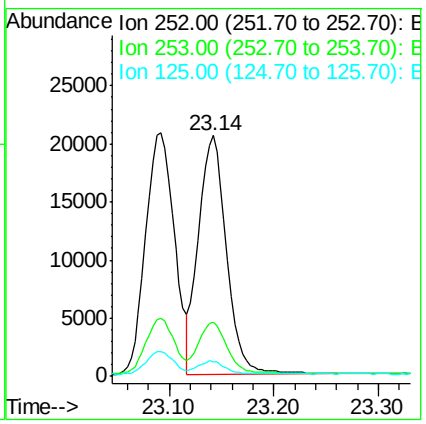


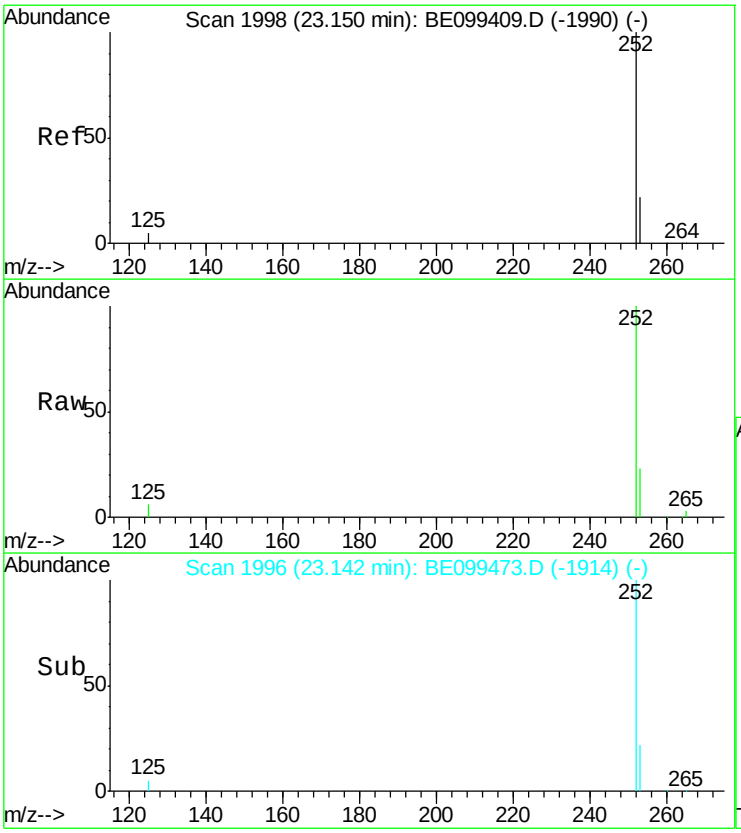
#35
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.14 min Scan# 1996
Delta R.T. 0.05 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 38252

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	6.0	5.6	8.4

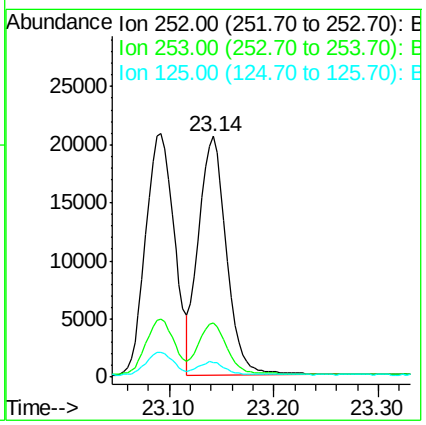


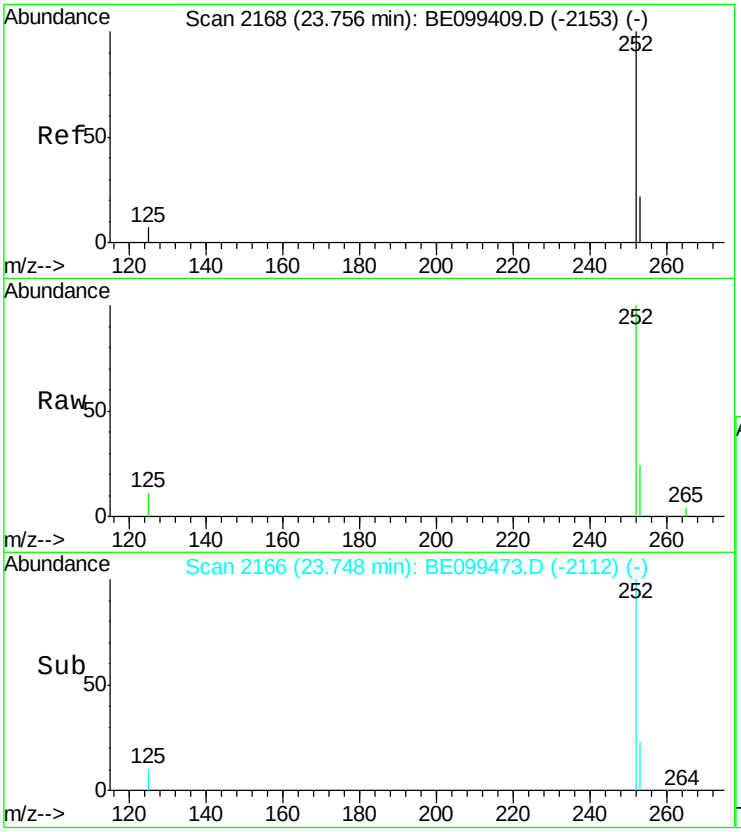


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:252 Resp: 38252

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	6.0	5.0	7.4



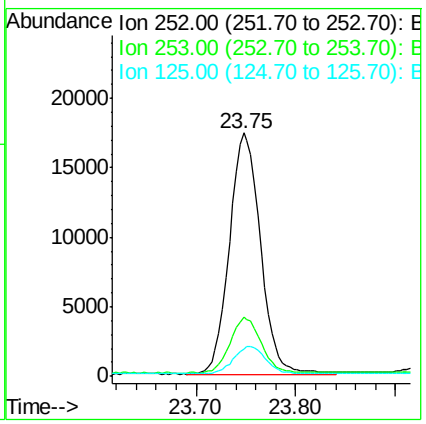


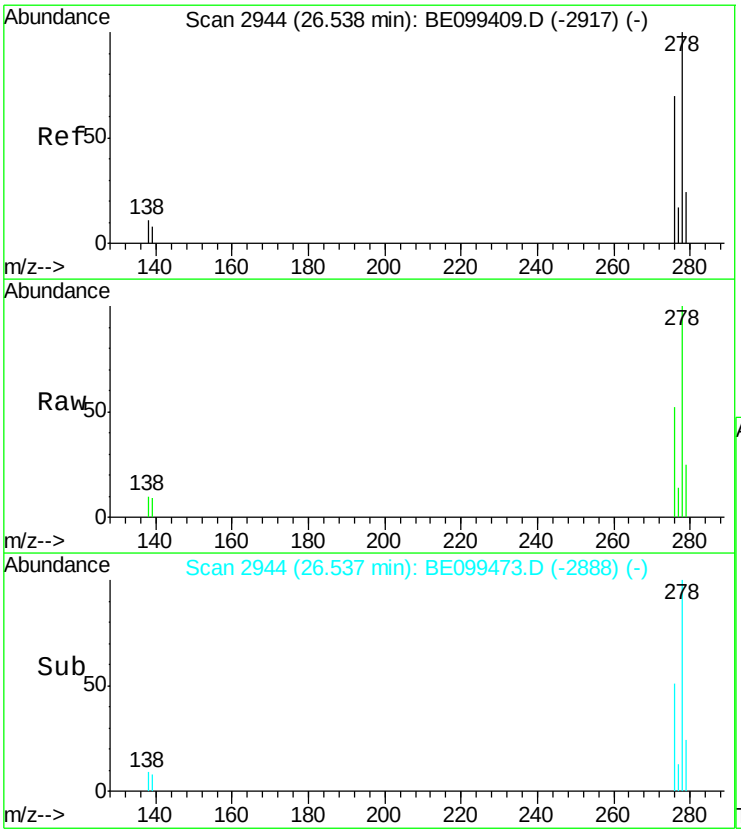
#37
Benzo(a)pyrene
Concen: 0.424 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 37677

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	11.4	6.7	10.1#

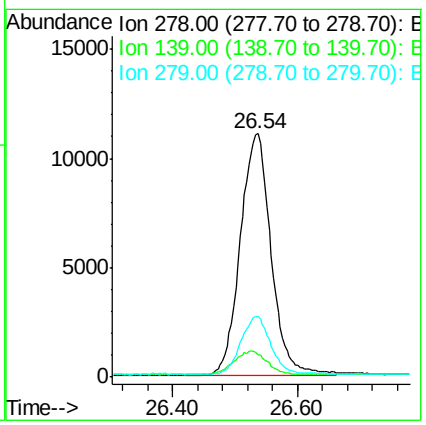


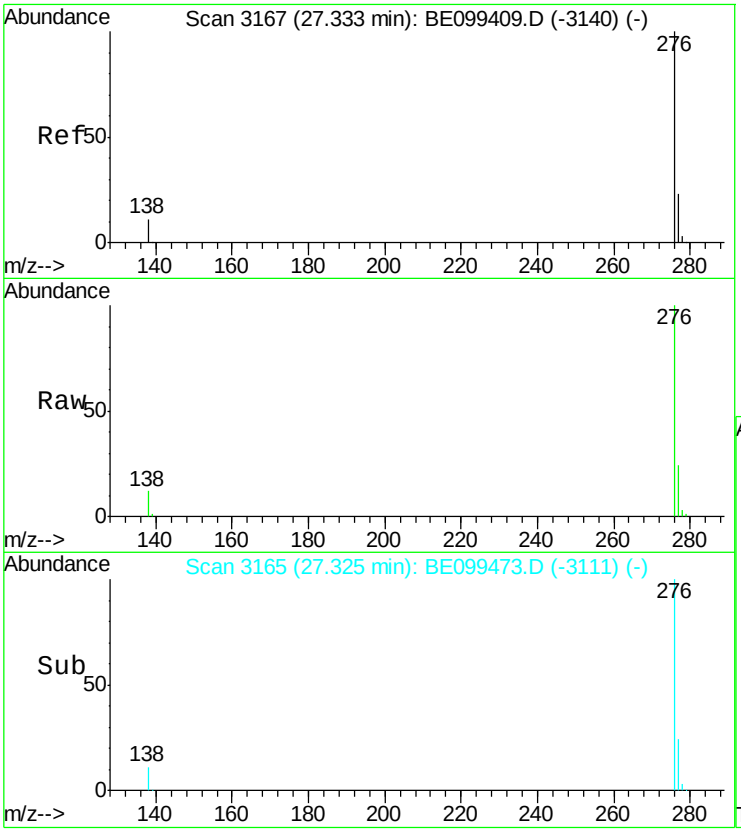


#38
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Tgt Ion:278 Resp: 38093

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.7	11.5
279	25.0	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099473.D
Acq: 1 May 2019 21:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 38175

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	11.9	9.6	14.4